Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
Data File : VX044959.D
Acq On : 14 Feb 2025 14:20
Operator : JC/MD
Sample : PB166701TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB166701TB

Quant Time: Feb 14 22:14:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	79050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64501	55.741	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.480%			
35) Dibromofluoromethane	5.379	113	53471	51.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.880%			
50) Toluene-d8	8.647	98	199097	51.146	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.300%			
62) 4-Bromofluorobenzene	11.079	95	70644	53.831	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.660%			
Target Compounds						Qvalue
16) Acetone	2.380	43	26548	57.070	ug/l	98
18) Methyl Acetate	2.709	43	1614	1.099	ug/l #	82
20) Methylene Chloride	2.782	84	1644	1.443	ug/l	90
43) Isopropyl Acetate	6.336	43	100208	37.564	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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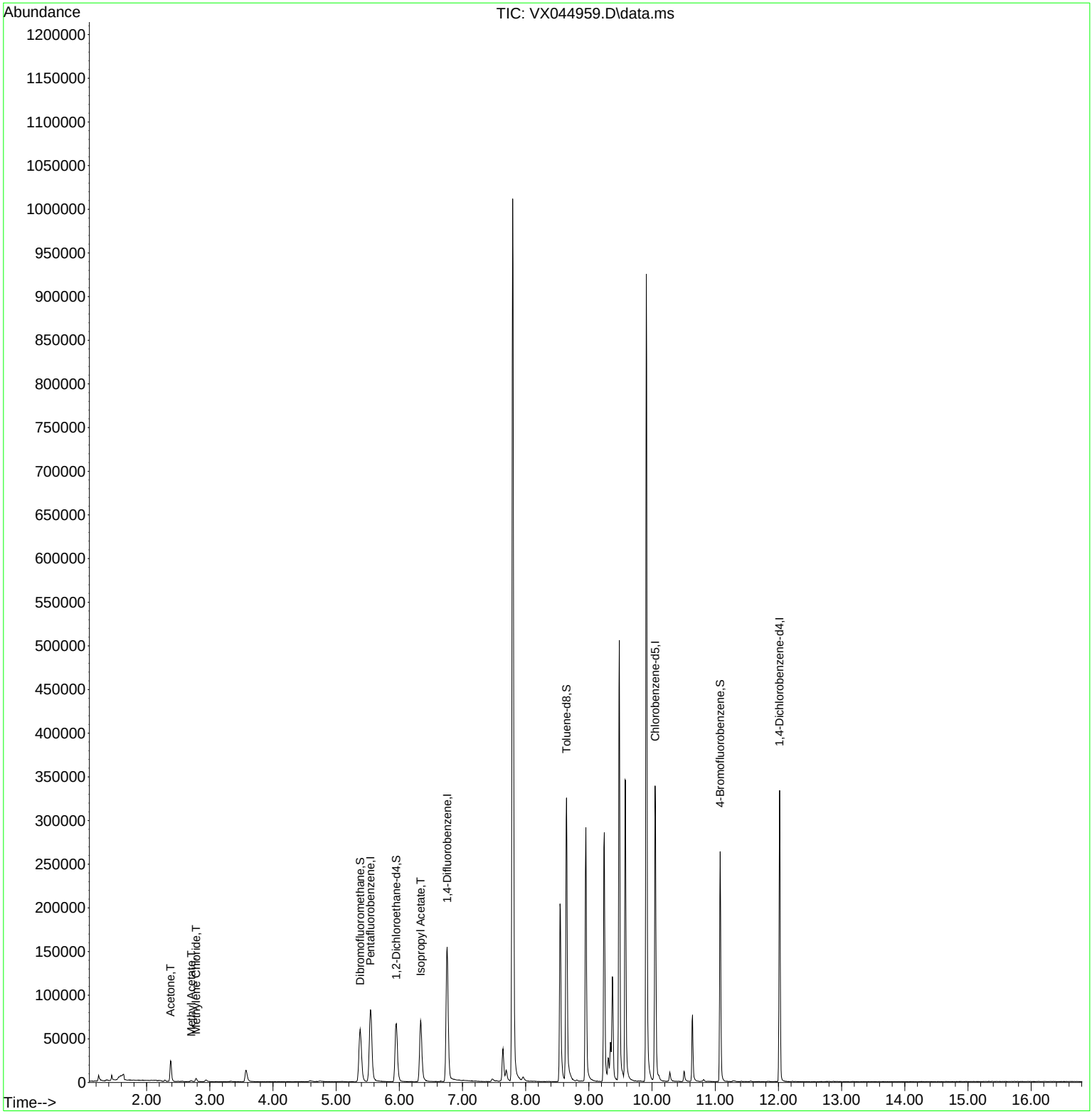
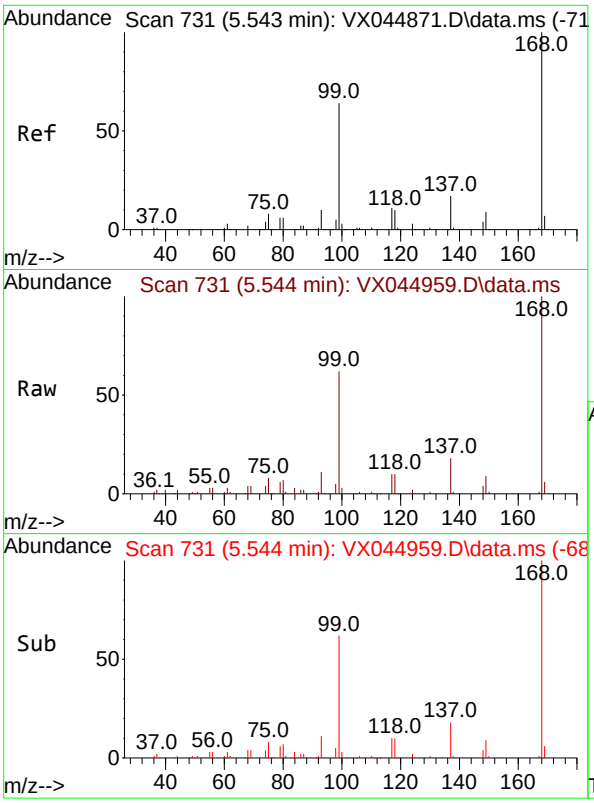


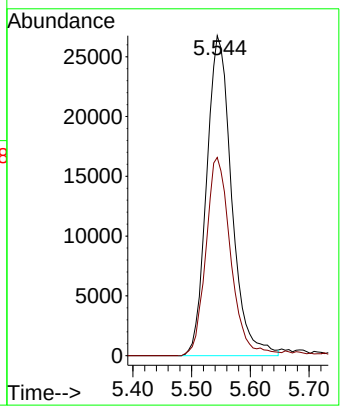


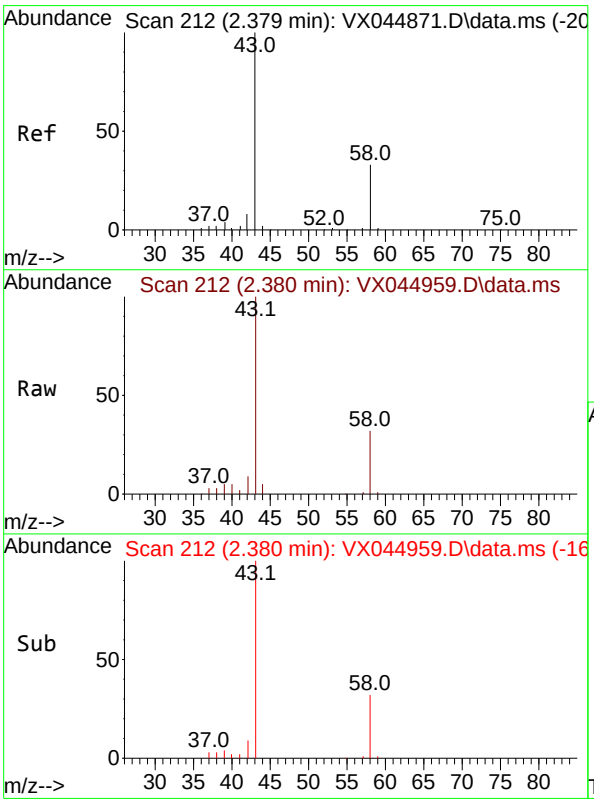
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX044959.D
Acq: 14 Feb 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
PB166701TB

Tgt Ion:168 Resp: 79050

Ion	Ratio	Lower	Upper
168	100		
99	61.9	51.2	76.8

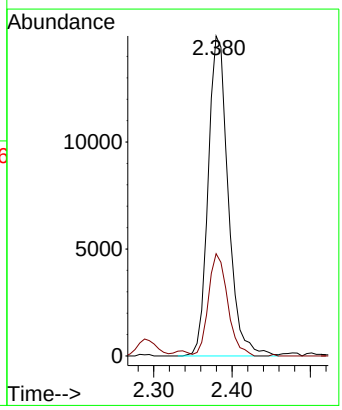


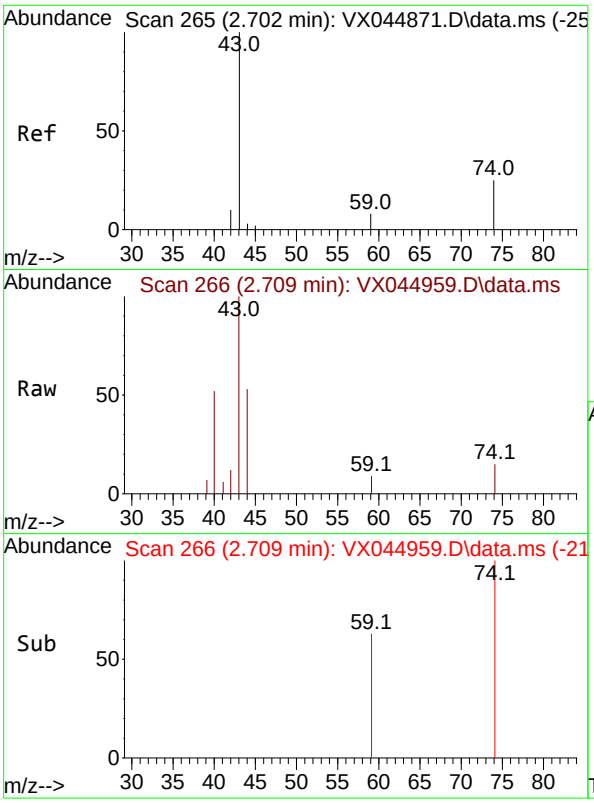


#16
Acetone
Concen: 57.070 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044959.D
Acq: 14 Feb 2025 14:20

Tgt Ion: 43 Resp: 26548

Ion	Ratio	Lower	Upper
43	100		
58	31.9	26.5	39.7



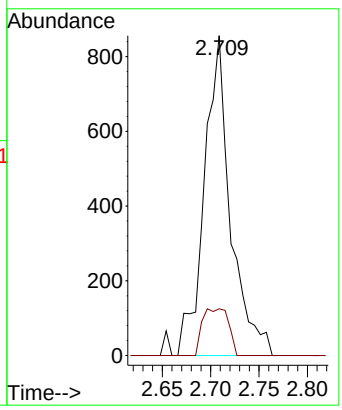


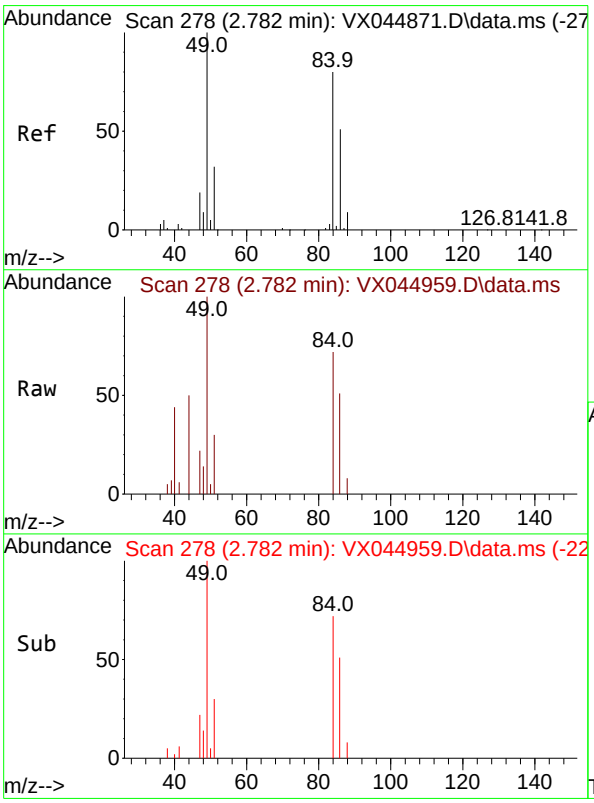
#18
Methyl Acetate
Concen: 1.099 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044959.D
Acq: 14 Feb 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
PB166701TB

Tgt Ion: 43 Resp: 1614

Ion	Ratio	Lower	Upper
43	100		
74	14.6	18.9	28.3#

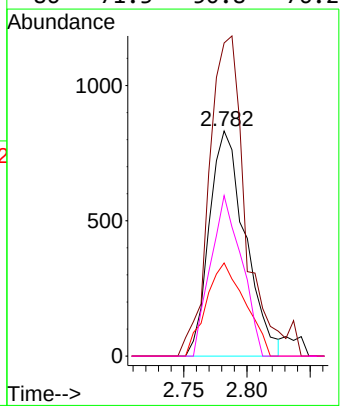


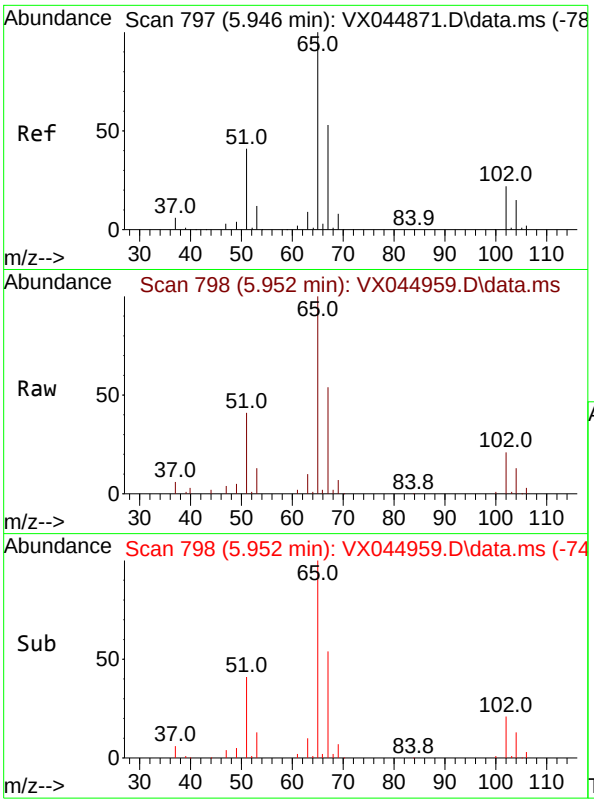


#20
Methylene Chloride
Concen: 1.443 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044959.D
Acq: 14 Feb 2025 14:20

Tgt Ion: 84 Resp: 1644

Ion	Ratio	Lower	Upper
84	100		
49	139.1	100.1	150.1
51	41.3	31.7	47.5
86	71.3	50.8	76.2



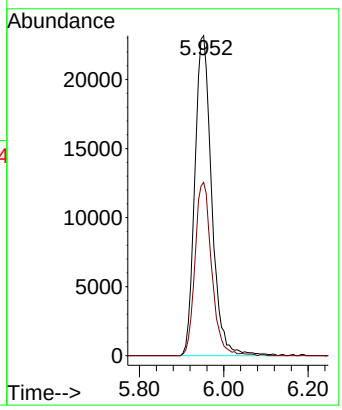


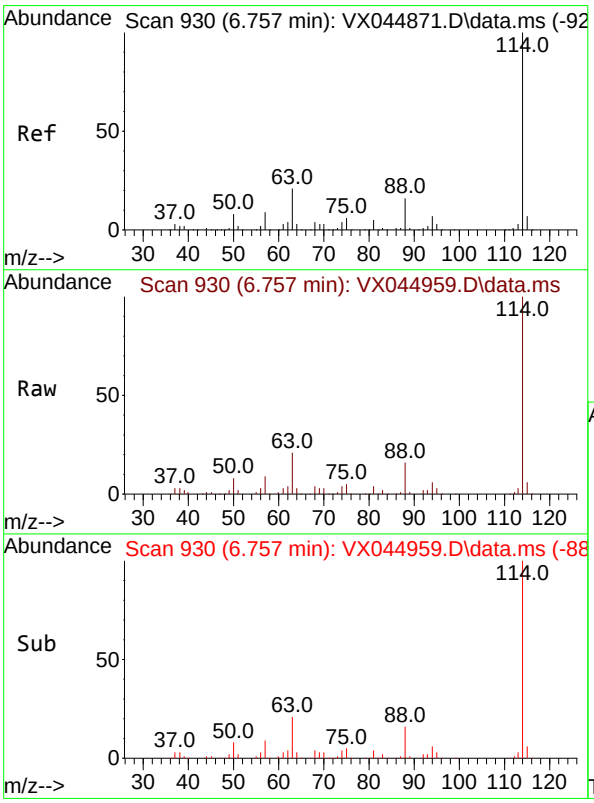
#33
1,2-Dichloroethane-d4
Concen: 55.741 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX044959.D
Acq: 14 Feb 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
PB166701TB

Tgt Ion: 65 Resp: 64501

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	108.2

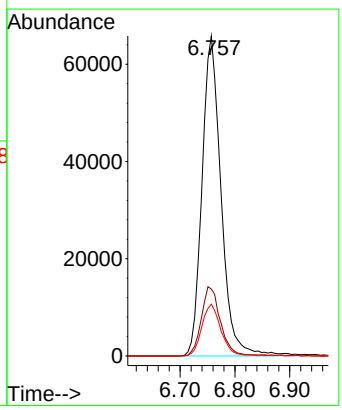


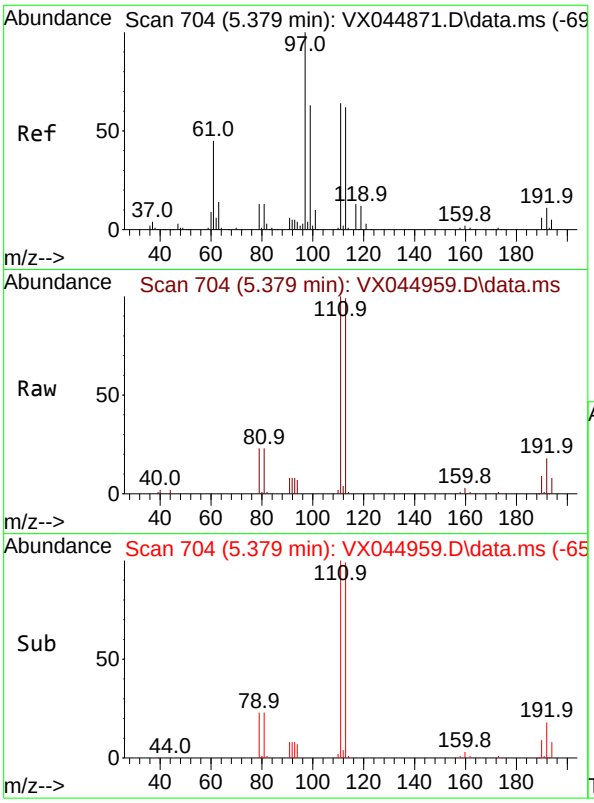


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044959.D
Acq: 14 Feb 2025 14:20

Tgt Ion:114 Resp: 158335

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.4
88	16.2	0.0	31.4



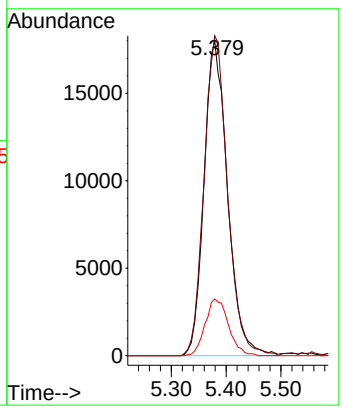


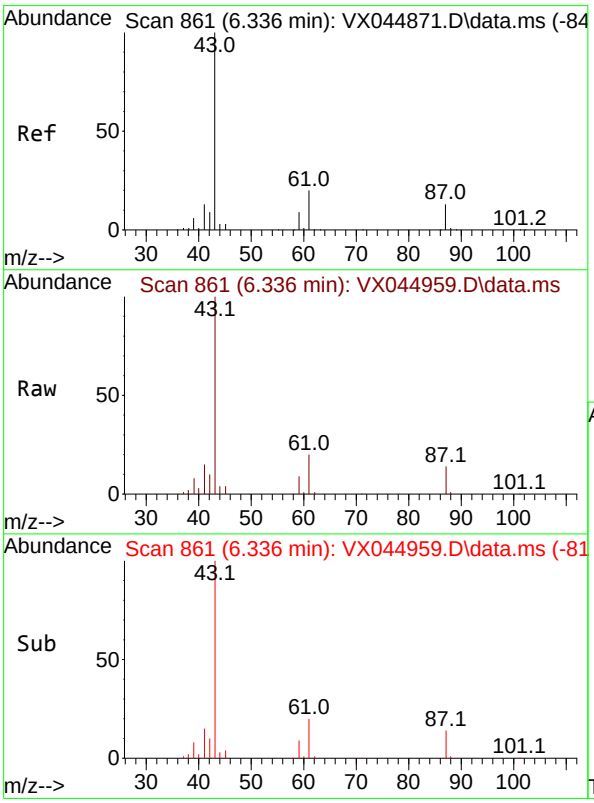
#35
Dibromofluoromethane
Concen: 51.942 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX044959.D
Acq: 14 Feb 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
PB166701TB

Tgt Ion:113 Resp: 53471

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.5	125.3
192	17.9	14.4	21.6

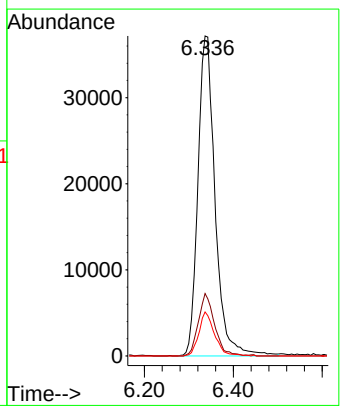


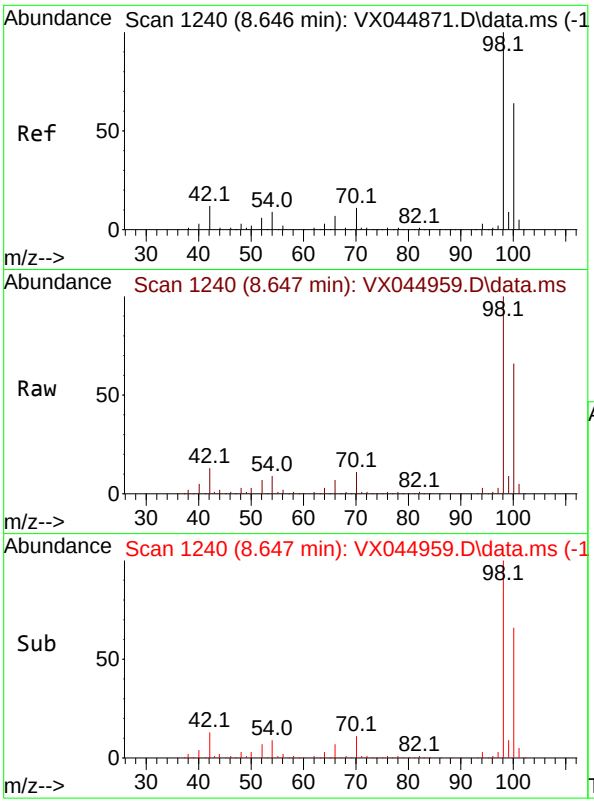


#43
Isopropyl Acetate
Concen: 37.564 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044959.D
Acq: 14 Feb 2025 14:20

Tgt Ion: 43 Resp: 100208

Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.8	23.8
87	12.6	10.0	15.0



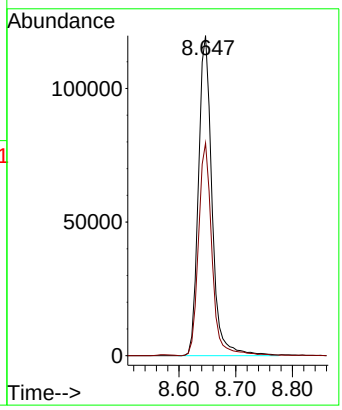


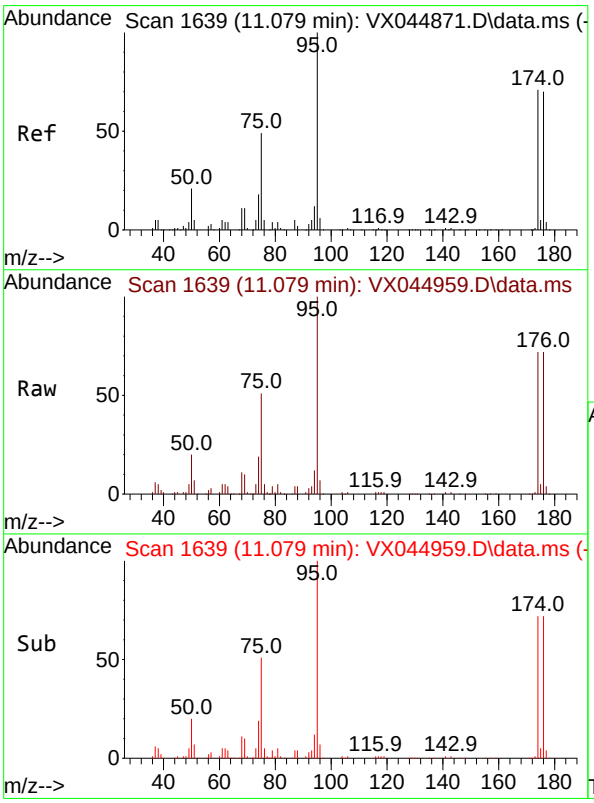
#50
Toluene-d8
Concen: 51.146 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044959.D
Acq: 14 Feb 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
PB166701TB

Tgt Ion: 98 Resp: 199097

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.7	79.1

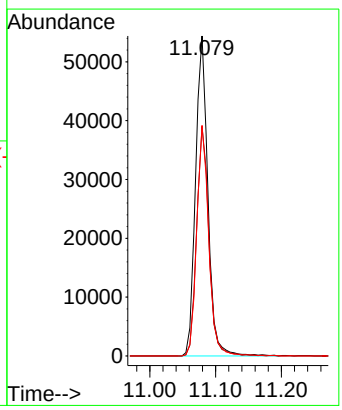


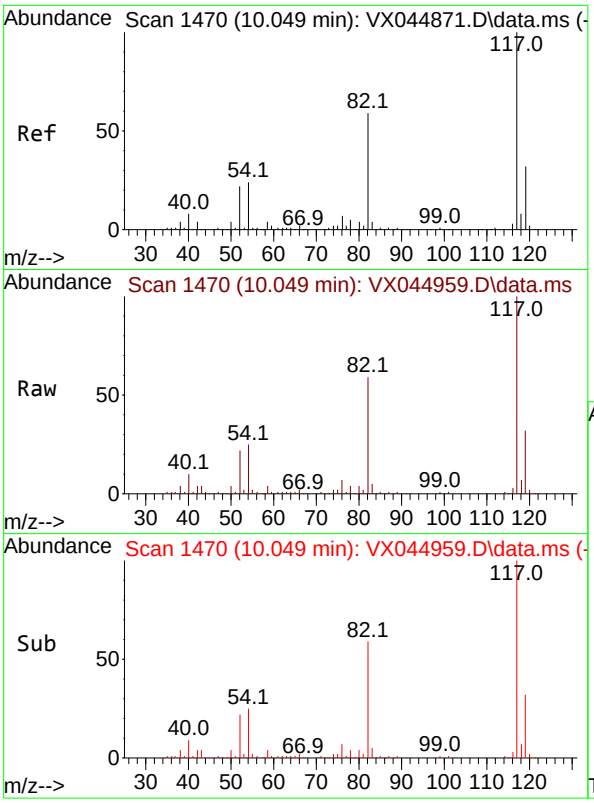


#62
4-Bromofluorobenzene
Concen: 53.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044959.D
Acq: 14 Feb 2025 14:20

Tgt Ion: 95 Resp: 70644

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	142.6
176	70.2	0.0	141.6



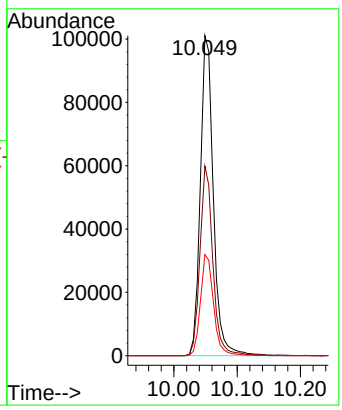


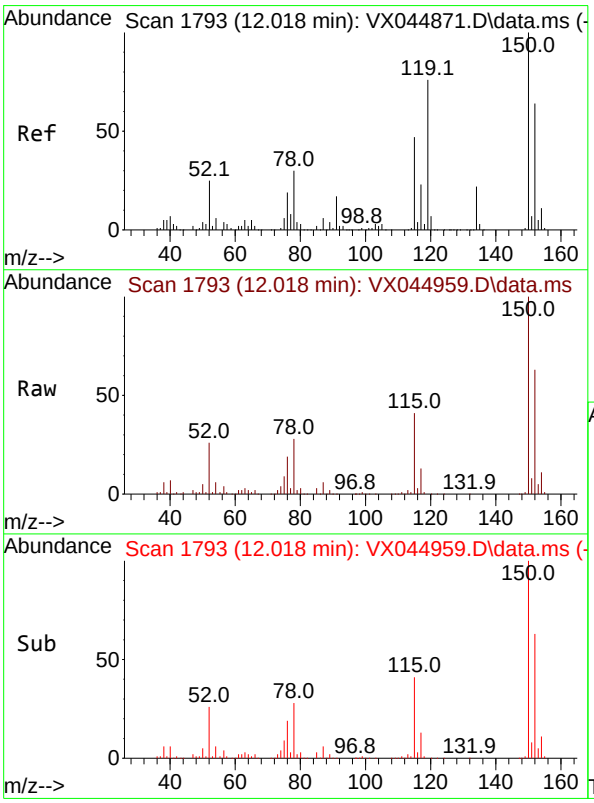
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044959.D
Acq: 14 Feb 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
PB166701TB

Tgt Ion:117 Resp: 145238

Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.5	71.3
119	31.6	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044959.D
Acq: 14 Feb 2025 14:20

Tgt Ion:152 Resp: 65283

Ion	Ratio	Lower	Upper
152	100		
115	62.3	43.4	130.1
150	157.8	0.0	350.4